

Generate Random Energy for the Photon Beam

RN1 and RN2 are used to Generate Fermi Momentum for the Target Nucleons

Uniformly-distributed RN to **Switch** Channels

Channel: 1 2 3 4 5 6 7 8 9

Phase Base Calculation for First Step

Option -p to **Switch** to Process ncs, pcs or ucs

• • •
ucs

ncs

ccs

lcs

Calc. Unpol. DCS

Calc. Circ. Pol. DCS

Calc. Lin. Pol. DCS

N

DCS>RN3

Y

RN3, **RN4C** and **RN4L** are uniformly-distributed floating points between 0 and maximum of unpolarized, circularly and linearly polarized DCS, respectively.

DCS>RN4C

Y

N

DCS>RN4L

Y

N

Phase Base Calculation for Second Step

ocs

ncs

acs

Calculate Original Unpolarized DCS

Calculate Adjusted Unpolarized DCS

N

DCS>RN5

Y

RN5 is uniformly-distributed floating points between 0 and maximum of original or adjusted unpolarized DCS.

DCS>RN5

Y

N